

## TASK J.1: INITIAL ABATEMENT FOR HEATING OIL TANK CLEANUP ACTIVITIES

*Fund Coverage provided ONLY if a LUST/Corrective Action Case Number is Assigned*

**Scope of Work:** This task consists of all personnel time and maximum allowable contractor costs to conduct initial abatement work on heating oil tank removal and cleanup projects prior to engaging in standard cost controls established through NTEPs and bids. Because the CEM provides direct oversight of the contractor during this phase, it is the CEM's responsibility to ensure the CEM costs and contractor costs are consistent with this task table. Detailed non-CEM invoices must be provided to NDEP in the reimbursement claim to support initial abatement costs. Details include, but are not limited to, contractor's timesheets, daily activity logs and any transportation, lodging, equipment and/or rental costs. The soil disposal invoice must also be included.

SKILL LEVEL/ACTIVITY	ACTIVITY/COSTS	TOTAL HRS
Project Manager/ Senior Engineer/ Senior Geologist	Coordination Activities and Project Management	2
Staff Engineer/ Staff Geologist	Oversight of Excavation Activities and Generation of Required Reports	17
Technician or Staff Geologist	Prepare field equipment, recover samples from pit(s), decontaminate equipment, deliver or ship samples for analyses	2
Administration/Clerical	Word processing and administrative support	2
<u>All</u> Non-CEM Activities <sup>1</sup> (Not to include Tank Removal or Laboratory Analyses Costs)	$[\text{Soil Removed (tons)}] \times [\text{Disposal Cost per ton}^2] \times [3.75^3] = \underline{\$ \$ \text{Maximum Allowable Non-CEM Cost}}$ <p style="text-align: center;"><b>Maximum Allowable Soil Removal = 48 tons (approximately 32 yards<sup>3</sup>)</b></p>	N/A
Tank Removal	\$2,000.00 maximum to defray removal costs (Applies only if a LUST/Corrective Action Case Number is Assigned to Project)	N/A
<b>TOTAL HOURS FOR TASK</b>		<b>23</b>

**1. Activities include, but are not limited to, excavating, transporting and disposal of impacted soil, importing and placement of backfill, site restoration and ALL supplemental charges**

**2. Actual Disposal Cost (no mark-up)**

**3. Multiplier is the average contractor costs for Nevada heating oil projects based upon the amount of soil disposed from 2013 – 2015**

Typical activities included in total hours for above task:

- Coordination and oversight of excavation and backfilling of tank pit
- Collection of soil samples for analyses
- Time to deliver samples to laboratory or prepare shipping package
- Project management
- Travel time if site is located within metropolitan area of consultant
- Coordination of disposal of contaminated soils
- Consultant coordination of traffic control plan and placement of traffic barriers (if necessary)
- Vehicle mileage, CEM in-house supplies, per diem and vendor markup may be added to above table as necessary

If excavation beyond 32 cubic yards is required, the CEM must contact NDEP. If the CEM believes the site can be closed by excavating a small amount beyond the allowable 32 cubic yards, he/she may request written approval for a specific volume of additional excavation from the regulatory case officer. Any additional excavation approved by the regulatory case officer, as part of initial abatement, must be invoiced using the same formula for Maximum Allowable Non-CEM Costs. If the regulatory case officer does not provide approval for the additional excavation, any further excavation is considered beyond the scope of initial abatement. As a result, the CEM must contact the regulatory case officer to initiate the required cost control measures established through a NTEP and bids, when the cost meets the bid criteria. Work beyond the scope of initial abatement must be conducted in accordance with a corrective action plan approved by the NDEP.